

AMENDMENT NO. 1 DECEMBER 2020

TO

**IS 6073 : 2006 AUTOCLAVED REINFORCED
CELLULAR CONCRETE FLOOR AND
ROOF SLABS — SPECIFICATION**

(First Revision)

(Page 1, clause 4.2) — Substitute the following for the existing clause:

‘4.2 Cement

Cement shall conform to IS 269 or IS 455 or IS 1489 (Part 1) or IS 1489 (Part 2).’

(Page 1, clause 4.4, lines 1 and 2) — Substitute the following for the existing:

‘Sand shall be finely ground siliceous sand conforming to the requirements of fine aggregates in IS 383 except for the grading and the requirements as given below.’

(Page 1, clause 4.4, Informal Table) — Substitute ‘silt’ for ‘slit’.

(Page 1, clause 4.6) — Substitute the following for the existing clause:

‘4.6 Granulated Blast Furnace Slag

Granulated blast furnace slag shall be in ground form conforming to IS 16714.’

(Page 2, clause 5.2, lines 2 and 3) — Substitute ‘the load bearing capacity (design load) in N/m²’ for ‘the load bearing capacity (design load) in N/mm²’.

[Page 2, clause 5.2, SI No. (a)] — Substitute ‘l m long’ for ‘l mm long’.

[Page 2, clause 5.2, SI No. (b)] — Substitute ‘l m long’ for ‘l mm long’.

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(Page 5, clause 11.3) — Substitute the following for the existing clause:

‘11.3 BIS Certification Marking

Each slab conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the *Bureau of Indian Standards Act, 2016* and the Rules and Regulations framed thereunder, and may be marked with the Standard Mark.’

(Pages 6 and 7, Annex A) — Substitute the following for the existing Annex:

‘ANNEX A

(Clause 2)

LIST OF REFERRED INDIAN STANDARDS

<i>IS No.</i>	<i>Title</i>
269 : 2015	Ordinary Portland cement — Specification (<i>sixth revision</i>)
383 : 2016	Coarse and fine aggregates for concrete — Specification (<i>third revision</i>)
432	Specification for mild steel and medium tensile steel bars and hard-drawn steel wire for concrete reinforcement
(Part 1) : 1982	Mild steel and medium tensile steel bars (<i>third revision</i>)
(Part 2) : 1982	Hard-drawn steel wire (<i>third revision</i>)
455 : 2015	Portland slag cement — Specification (<i>fifth revision</i>)
456 : 2000	Code of practice for plain and reinforced concrete — Code of practice (<i>fourth revision</i>)
712 : 1984	Specification for building limes (<i>third revision</i>)
875	Code of practice for design loads (other than earthquake) for buildings and structures:
(Part 1) : 1987	Dead loads — unit weights of building material and stored materials
(Part 2) : 1987	Imposed loads (<i>second revision</i>)
(Part 3) : 2015	Wind loads (<i>third revision</i>)

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<i>IS No.</i>	<i>Title</i>
(Part 4) : 1987	Snow loads (<i>second revision</i>)
(Part 5) : 1987	Special loads and load combinations (<i>second revision</i>)
1489	Portland pozzolana cement — Specification
(Part 1) : 2015	Fly ash based (<i>fourth revision</i>)
(Part 2) : 2015	Calcined clay based (<i>fourth revision</i>)
1566 : 1982	Specification for hard-drawn steel wire fabric for concrete reinforcement (<i>second revision</i>)
1786 : 2008	High strength deformed steel bars and wires for concrete reinforcement — Specification (<i>fourth revision</i>)
1893 (Part 1) : 2016	Criteria for earthquake resistant design of structures: Part 1 General provisions and buildings (<i>sixth revision</i>)
3346 : 1980	Method for the determination of thermal conductivity of thermal insulation materials (two slab guarded hot plate method) (<i>first revision</i>)
3809 : 1979	Specification for fire resistance test for structures (<i>first revision</i>)
3812 (Part 1) : 2013	Pulverized fuel ash — Specification: Part 1 For use as pozzolana in cement, cement mortar and concrete (<i>third revision</i>)
4326 : 1993	Code of practice for earthquake resistant design and construction of buildings (<i>second revision</i>)
6441	Methods of test for autoclaved cellular concrete products
(Part 1) : 1972	Determination of unit weight or bulk density and moisture content
(Part 2) : 1972	Determination of drying shrinkage
(Part 4) : 1972	Corrosion protection of steel reinforcement in autoclave cellular concrete
(Part 5) : 1972	Determination of compressive strength
16714 : 2018	Ground granulated blast furnace slag for use in cement, mortar and concrete — Specification ⁷

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